

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112022\
 Data File : VW029231.D
 Acq On : 20 Nov 2022 17:40
 Operator : SY/MD
 Sample : N5652-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L7

Quant Time: Nov 21 00:59:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 21 00:54:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

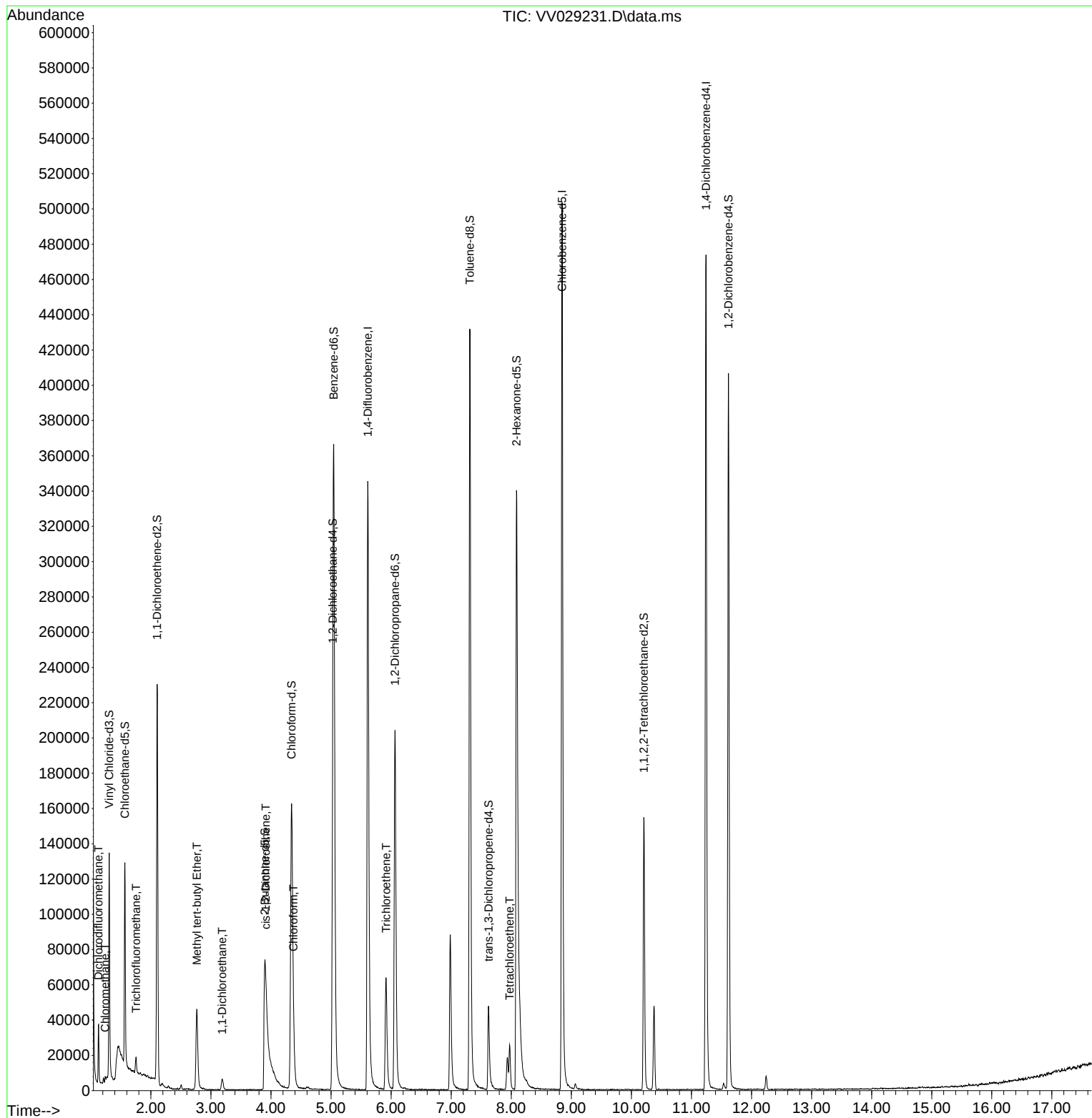
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	326385	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	301309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	138742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	89595	4.503	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.568	69	74288	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.105	63	115168	3.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.899	46	190606	57.225	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.440%
24) Chloroform-d	4.342	84	174870	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.027	65	80851	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.043	84	359685	3.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.066	67	109366	4.355	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	310650	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.622	79	31588	3.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.088	63	154007	44.049	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.100%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	77587	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	115682	4.660	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
2) Dichlorodifluoromethane	1.127	85	18466	0.679	ug/L	97
3) Chloromethane	1.240	50	2603	0.115	ug/L	96
9) Trichlorofluoromethane	1.754	101	4972	0.143	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	49789	1.175	ug/L	98
19) 1,1-Dichloroethane	3.188	63	6582	0.176	ug/L	98
22) cis-1,2-Dichloroethene	3.912	96	2086	0.090	ug/L	81
25) Chloroform	4.375	83	23385	0.595	ug/L	95
34) Trichloroethene	5.915	95	24505	1.040	ug/L	97
47) Tetrachloroethene	7.973	164	6652	0.352	ug/L	88

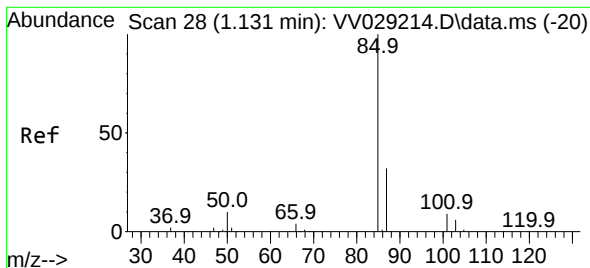
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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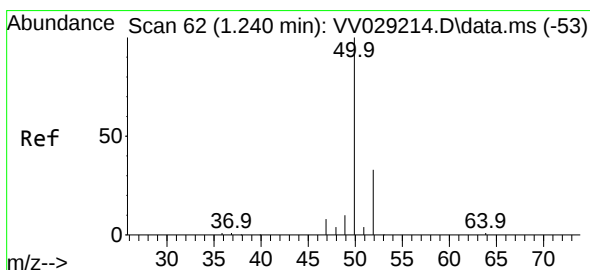
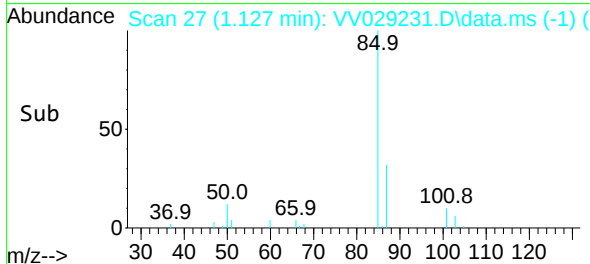
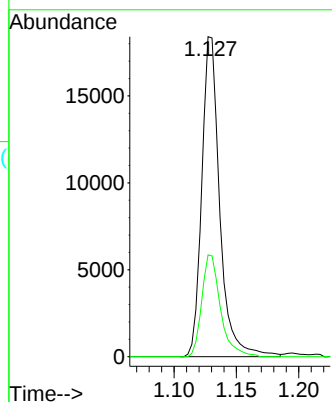
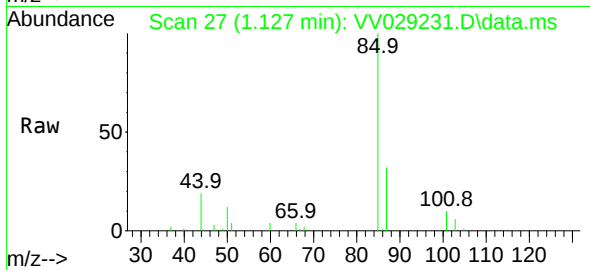




#2
 Dichlorodifluoromethane
 Concen: 0.679 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV029231.D
 Acq: 20 Nov 2022 17:40

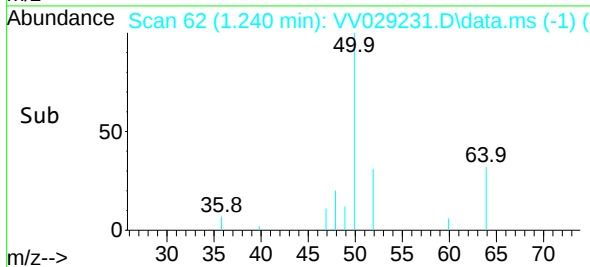
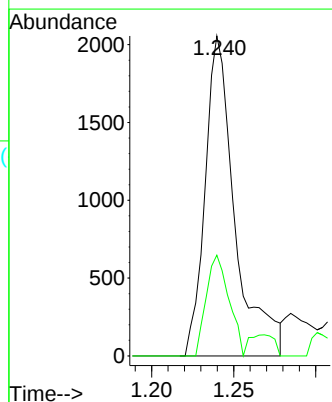
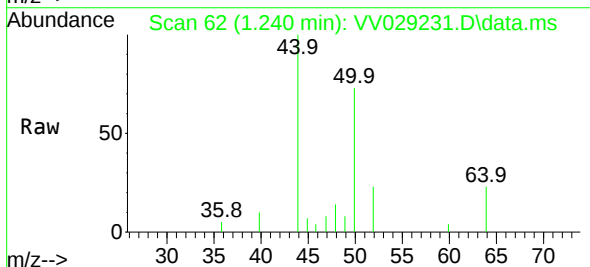
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L7

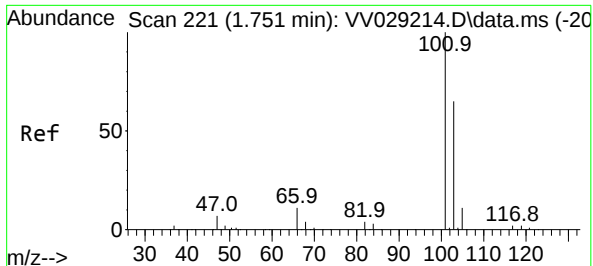
Tgt Ion: 85 Resp: 18466
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.0 37.4



#3
 Chloromethane
 Concen: 0.115 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029231.D
 Acq: 20 Nov 2022 17:40

Tgt Ion: 50 Resp: 2603
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.7 43.9

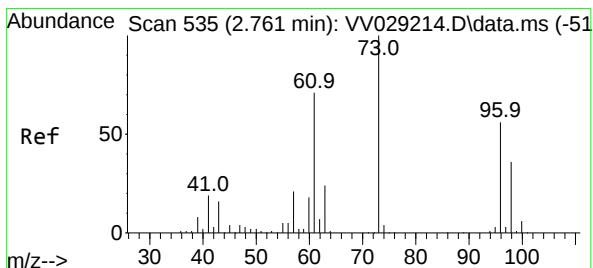
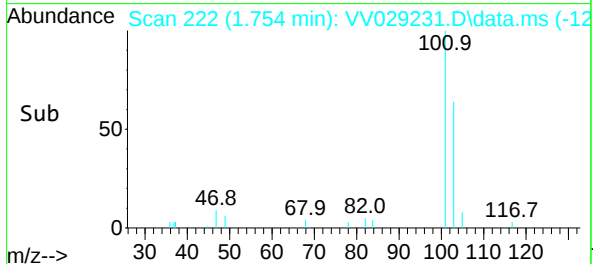
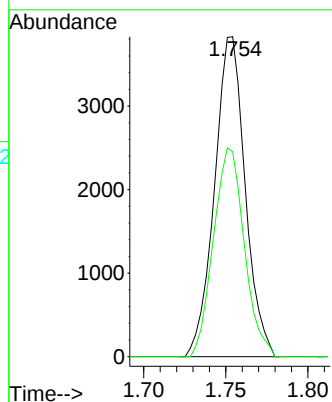
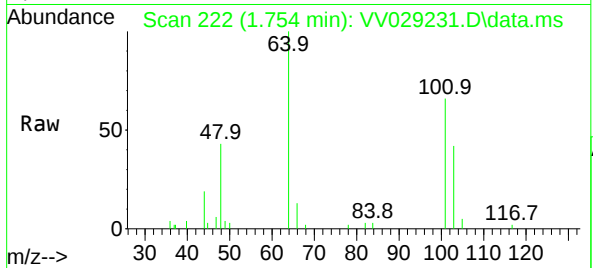




#9
 Trichlorofluoromethane
 Concen: 0.143 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029231.D
 Acq: 20 Nov 2022 17:40

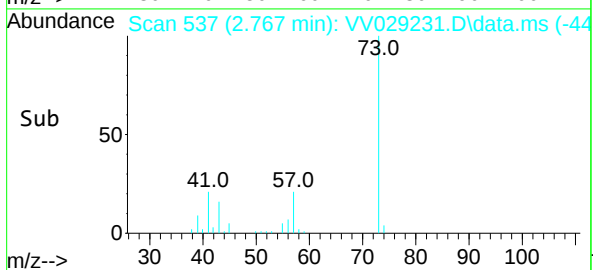
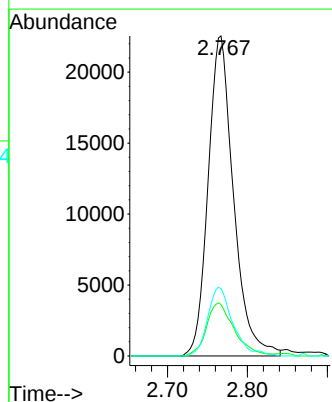
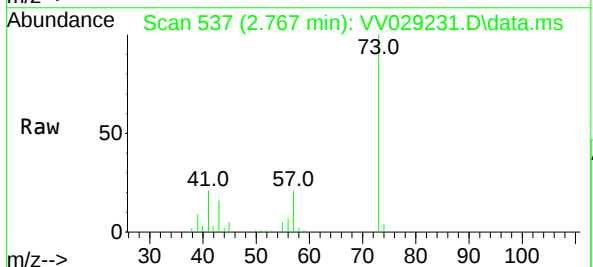
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1L7

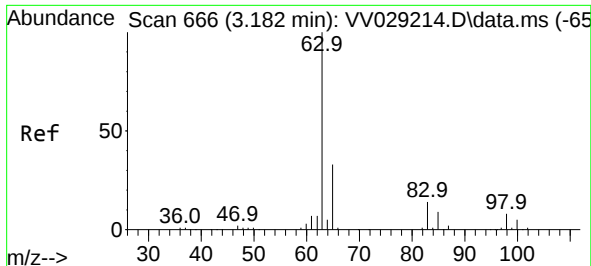
Tgt Ion:101 Resp: 4972
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.3 76.9



#17
 Methyl tert-butyl Ether
 Concen: 1.175 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.006 min
 Lab File: VV029231.D
 Acq: 20 Nov 2022 17:40

Tgt Ion: 73 Resp: 49789
 Ion Ratio Lower Upper
 73 100
 43 18.2 13.0 19.4
 57 20.6 16.6 24.8

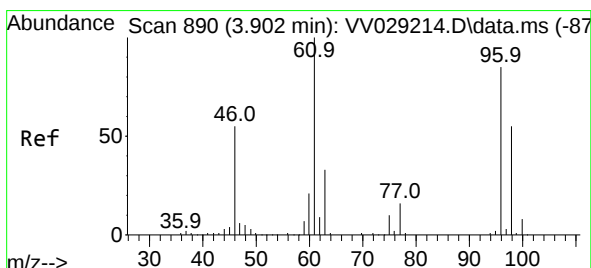
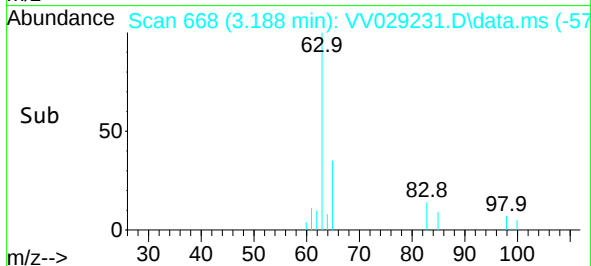
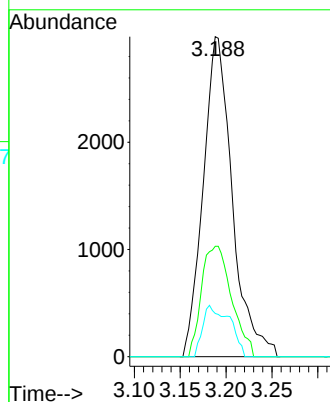
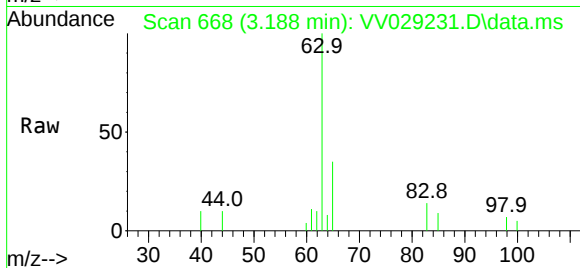




#19
1,1-Dichloroethane
Concen: 0.176 ug/L
RT: 3.188 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV029231.D
Acq: 20 Nov 2022 17:40

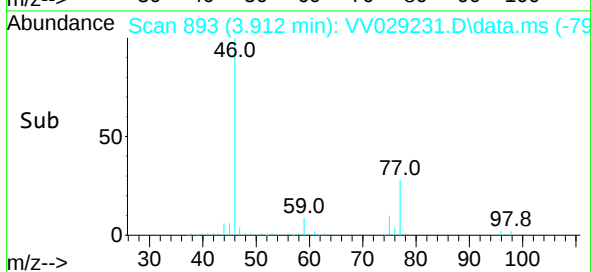
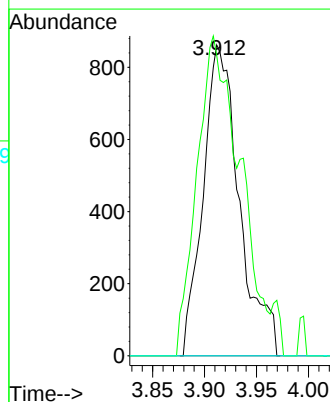
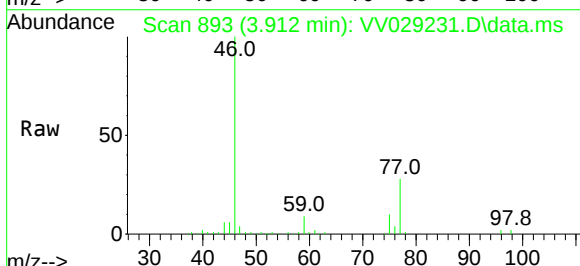
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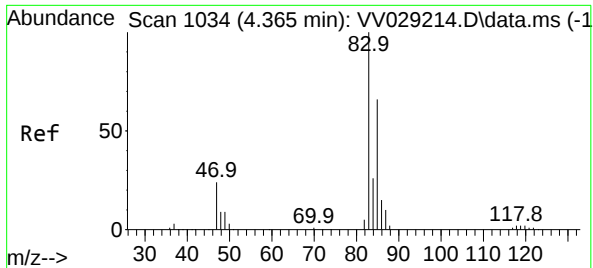
Tgt Ion:	63	Resp:	6582
Ion	Ratio	Lower	Upper
63	100		
65	34.5	23.0	42.6
83	13.5	9.4	17.6



#22
cis-1,2-Dichloroethene
Concen: 0.090 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV029231.D
Acq: 20 Nov 2022 17:40

Tgt Ion:	96	Resp:	2086
Ion	Ratio	Lower	Upper
96	100		
61	96.8	82.3	152.9
68	0.0	0.0	0.0

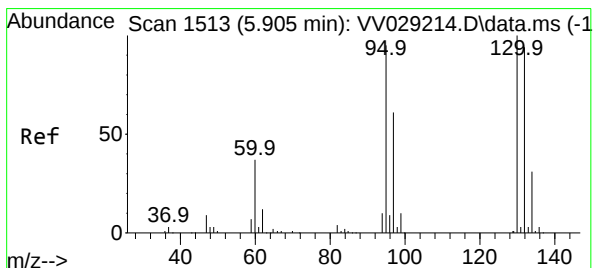
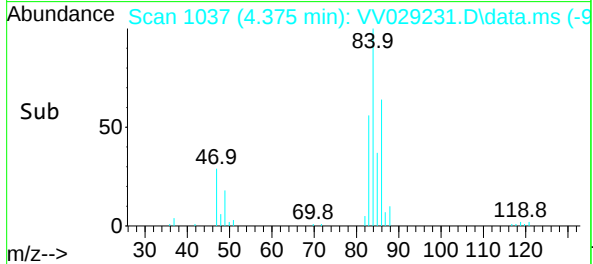
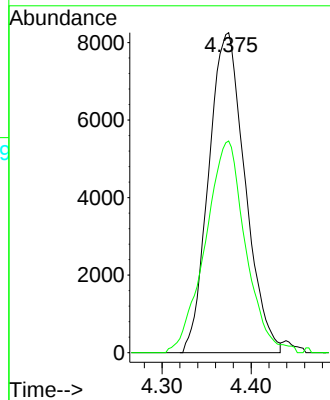
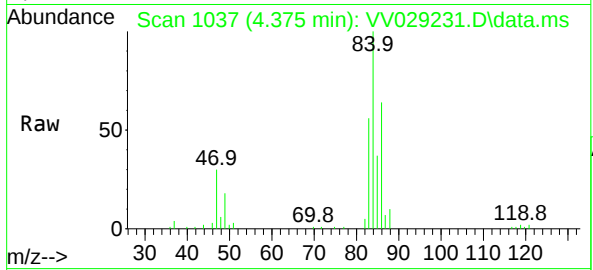




#25
Chloroform
Concen: 0.595 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.010 min
Lab File: VV029231.D
Acq: 20 Nov 2022 17:40

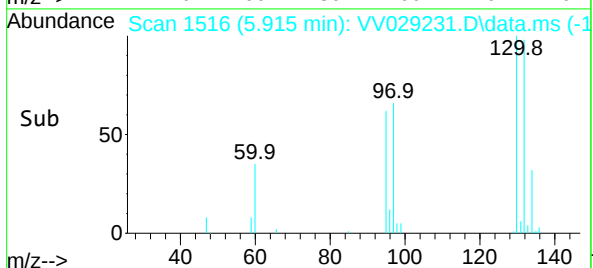
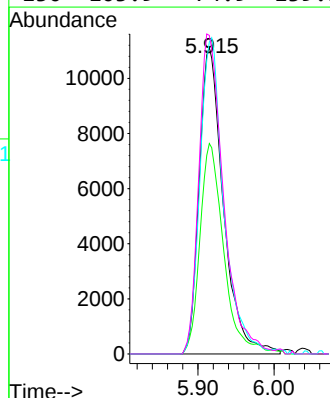
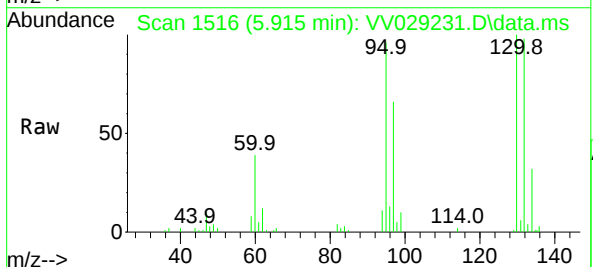
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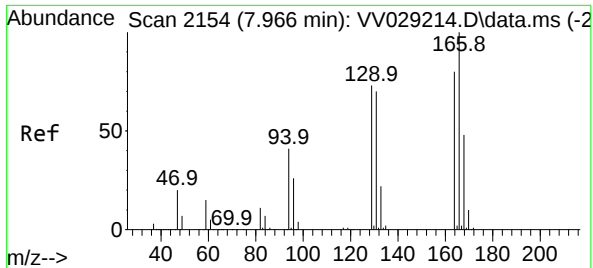
Tgt Ion: 83 Resp: 23385
Ion Ratio Lower Upper
83 100
85 66.1 43.7 81.1



#34
Trichloroethene
Concen: 1.040 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV029231.D
Acq: 20 Nov 2022 17:40

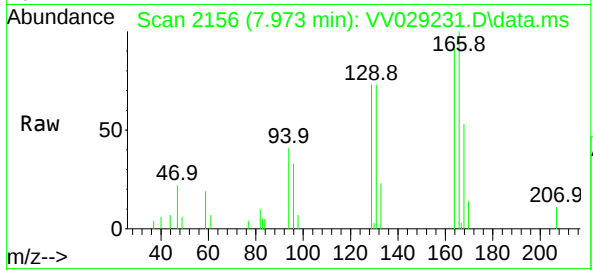
Tgt Ion: 95 Resp: 24505
Ion Ratio Lower Upper
95 100
97 68.7 45.6 84.8
132 101.8 69.1 128.3
130 103.9 74.9 139.1





#47
 Tetrachloroethene
 Concen: 0.352 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV029231.D
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 ClientSampleId :
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Tgt Ion:	164	Resp:	6652
Ion	Ratio	Lower	Upper
164	100		
129	81.0	63.9	118.7
131	80.7	61.8	114.8
166	110.3	90.2	167.4

